In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An antenna comprising a conductive mast, a conductive block carried by said mast, said block having a plurality of bores therein, and conductive rods slidably received in at least some of said bores.

2. (Original) The antenna of claim 1 further comprising a passageway communicating with each said bore adapted to receive a set screw to hold said rods at a selected position within said bores.

3. (Original) The antenna of claim 1 wherein said block includes an additional bore to receive said mast and at least one passageway communicating with said additional bore adapted to receive a set screw to hold said block on said mast.

4. (Original) The antenna of claim 1 wherein said block is generally cylindrical.

5. (Original) The antenna of claim 4 wherein said bores extend generally chordally through said block.

6. (Currently Amended) ~~The~~ An antenna ~~of claim 5 wherein each said bore forms~~ comprising a mast, a generally cylindrical block carried by said mast, said block having a plurality of bores therein, and conductive rods slidably received in at least some of said bores; said bores extending generally chordally through said block and forming opposed apertures in said block, said apertures being approximately 120 degrees of each other.

7. (Currently Amended) ~~The~~ An antenna ~~of claim 5 wherein there is~~ comprising a mast, a generally cylindrical block carried by said mast, said block having a first set of three axially spaced bores therein, and conductive rods slidably received in at least some of said bores.

8. (Original) The antenna of claim 7 wherein there is a second set of three axially spaced bores, said bores of said second set each being axially spaced from an adjacent bore of said first set of bores.

9. (Original) The antenna of claim 4 wherein said block includes an axial bore to receive said mast.

10. (Original) The antenna of claim 1 further comprising a coil positioned on said mast.

11. (Original) The antenna of claim 1 wherein each said bore forms opposed apertures in said block and said rods extend out of said apertures approximately an equal distance from said block.

12. (Original) The antenna of claim 1 wherein each said bore forms opposed apertures in said block and said majority of the length of rods extend out of one of said apertures.

13. (Original) A method of constructing an antenna having a mast carrying a coil and a plurality of rods comprising the steps of identifying a desired frequency of operation for the antenna, selecting the size of the coil and the configuration of the rods which will provide approximately the desired frequency, and constructing the antenna with the selected coil and rod configuration.

14. (Original) The method of claim 13 wherein the step of selecting includes the step of identifying the rod configuration which will provide approximately the desired frequency using the smallest coil.

15. (Original) The method of claim 13 wherein the step of selecting includes the step of selecting the number of rods in the configuration of rods.

16. (Original) The method of claim 15 wherein three rods or six rods can be selected.

17. (Original) The method of claim 13 wherein the step of selecting includes the step of selecting the position of the rods relative to the mast.

18. (Original) The method of claim 13 wherein the step of selecting includes the step of selecting the length of the rods.

19. (Original) The method of claim 18 wherein the step of selecting includes the step of selecting the number of rods in the configuration of rods.

20. (Original) The method of claim 19 wherein the step of selecting includes the step of selecting the position of the rods relative to the mast.

21. (Original) The method of claim 13 further comprising the step of adjusting the frequency of the antenna.

22. (Original) The method of claim 21 wherein the step of adjusting includes the step of adding a stinger to the antenna.

23. (Original) The method of claim 21 wherein the step of adjusting includes moving the rods relative to the mast.

24. (Original) A method of constructing an antenna having a mast carrying a plurality of rods comprising the steps of selecting the number of rods, selecting the length of the rods, and determining the positioning of the rods relative to the mast.

25. (Original) The method of claim 24 wherein the selecting and determining steps are dictated by the desired frequency of operation.

26. (Original) The method of claim 25 further comprising the step of selecting a coil for the antenna based on selecting and determining steps.

27. (Original) The method of claim 24 further comprising the step of adjusting the frequency of the antenna.

28. (Original) The method of claim 27 wherein the step of adjusting includes the step of adding a stinger to the antenna.

29. (Original) The method of claim 28 wherein the step of adjusting includes moving the rods relative to the mast.